Dina Mohamed Gaber, Ph.D- Curriculum Vitae

➢ Personal Data

Family Name : Abdehamid
Name : Dina Mohamed Gaber **Gender: Female**
Date of Birth : 25/11/1984 **Nationality: Egyptian**
Place of Birth : Alexandria, Egypt
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➢ Professional profile

- **11/2018-Current:** Lecturer of Pharmaceutics, College of Pharmacy, Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt.
- **3/2017-10/2018:** Lecturer of Pharmaceutics in Pharmaceutics and Pharmaceutical Technology Department, Faculty of Pharmacy, Pharos University, Alexandria, Egypt.
- **10/2014-2/2017:** Assistant Lecturer of Pharmaceutics in Pharmaceutics and Pharmaceutical Technology Department, Faculty of Pharmacy, Pharos University. Alexandria, Egypt.
- **11/2008 –8/2014**: Head of Research & Development Department, Pharaonia Pharmaceuticals, Alexandria, Egypt.
- **9/2007-10/2008:** Formulator in the new products development of the R&D department, Pharco Pharmaceutical, Alexandria, Egypt.

➢ Academic Profile

- **2017: Ph.D** degree in Pharmaceutical Sciences, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- **2013: M.Sc.** degree in Pharmaceutical Sciences, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- **2007: B.Sc.** in Pharmacy, Degree **"V. Good",** Faculty of Pharmacy, Alexandria University, Alexandria, Egypt**.**
- **2002:** High School Diploma, El Manar English Girls' School (M.E.G.S), Alexandria, Egypt.

➢ Research areas of interest

• Formulation and evaluation of novel drug delivery systems including polymer-based and lipid-based nanocarriers for improved therapy to targeted sites e.g. lungs.

• Studying the possible interactions of these carriers with biological membranes including pulmonary epithelium.

Cancer therapy & Antibiotic-free nanotherapeutics.

➢ Research highlights

I. Contribution to research projects

Participant in a Research Group Linkage Programme entitled: **"Inhalable nano-embedded microparticles for the pulmonary delivery of novel anti-infectives"** funded by The Alexander von Humboldt Foundation, between Prof. Dr. Marc Schneider, Saarland University and Prof. Dr. Noha Nafee, Faculty of Pharmacy, Alexandria University. Project budget 55,000 Euro.

II. Supervision of postgraduate students

- Thesis ongoing: Cosupervisor for Ph.D. thesis in Pharmaceutics entitled Formulation and evaluation of certain drug delivery systems for the delivery of a tissue regenerative drug by Nayra Mohamed Abdelbaset, Department of Pharmaceutics, faculty pf Pharmacy, Cairo University.

➢ List of Publications

- **2020:** Promoted antitumor activity of myricetin against lung carcinoma via nanoencapsulated phospholipid complex in respirable microparticles, Pharmaceutical Research 2020; 37-82.
- **2017:** Myricetin solid lipid nanoparticles: Stability assurance from system preparation to site of action, European Journal of Pharmaceutical Sciences 2017; 109:569–80.
- **2015:** Mini-tablets versus Pellets as promising multiparticulate modified release delivery systems for highly soluble drugs, International Journal of Pharmaceutics, 2015;488 (1–2).

➢ List of conferences' contribution

- **2020:** Poster presentation with name "Would in vitro cytotoxicity studies guarantee/ preserve Myricetin stability? 12th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical technology, Vienna, Austria.
- **2019:** Poster presentation with name "Formulation development & stability assurance of Myricetin solid lipid nanoparticles for improved local treatment of lung carcinoma", Pharmaceutical and Healthcare Sciences, PHS conference, Alexandria, Egypt.
- **2015:** Poster presentation with name" Mini-tablets versus Pellets as promising modified release multiparticulate delivery systems using Diclofenac Sodium as model drug: Preparation, Optimization and In vitro characterization", 75th FIP World Congress of Pharmacy and Pharmaceutical Sciences, Düsseldorf, Germany.
- **2014***:* Poster presentation with name "Mini-tablets versus pellets as promising multiparticulate modified release delivery systems for highly soluble drugs", 9th World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical technology, Lisbon, Portugal.

➢ Membership and Contribution to student, academic and social activities

Principal Investigator of project entitled Study and seminar visit for foreign students to Germany, Project number: 57505125 funded by DAAD with Lumb sum: 14.100 € to enable 15 students from College of pharmacy, Arab academy for science, technology and Maritime transport visit College of Pharmacy in both Saarland University and Philipps University of Marburg, respectively in the duration from 1-4th of October for the former and from 7-9th of October 2019 for the latter.

➢ Languages

Arabic (Native), English (Full professional proficiency and official language in University), French (Basis), German (Elementary-Level A2).

➢ References People

- **Prof. Dr. Marc Schneider:** Head of Biopharmazie & Pharmazeutische Technologie department Saarland University.

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- **Prof. Ossama Y. Abdallah:** Professor Emeritus of pharmaceutics, Department of pharmaceutics**,** Alexandria University.

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- **Prof. Noha Nafee:** Associate professor of Pharmaceutics, Department of Pharmaceutics, Kuwait University.

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Reference letters can be sent upon request